

**Date:** May 6, 2014

**To:** Thomas J. Bonfield, City Manager

**Through:** W. Bowman Ferguson, Deputy City Manager

**From:** Marvin G. Williams, Director of Public Works

**Subject:** Contract Amendment for ST-254 Fayetteville, Buxton, Riddle Project

### **Executive Summary**

In 2006, City Council approved a North Carolina Department of Transportation (NCDOT) Municipal Agreement for the realignment of Riddle Road at Fayetteville Road. At that time the total cost of the project was estimated at \$600,000.00. During the initial project planning and design phase, it was determined that the proposed project would better serve the City by expanding the intersection design to fully reflect the improvements planned for in the City's Fayetteville Road – Phase II Capital Improvement Program project. The expanded design would include sidewalks, bicycle lanes, and additional travel lanes which were consistent with the scope of the Fayetteville Road – Phase II project (see map). The revised project was expected to cost \$2.5 million, and would now be fully funded by the City with no NCDOT participation. The new design incorporated water quality devices into the right-of-way of Fayetteville Road with the understanding that the City of Durham would maintain the devices. NCDOT is not required to address water quality for this project and has reversed their decision. The water quality devices previously designed will not be allowed in the right-of-way. Therefore, the Fayetteville, Buxton, Riddle project will need design revisions to eliminate the water quality devices.

### **Recommendation**

The Administration recommends that the City Council authorize the City Manager to execute an amendment to increase the ST-254: Fayetteville, Buxton, Riddle professional services contract by \$53,928 for design modifications, and extend the contract by four months.

### **Background**

The original contract for Fayetteville Widening phase II extended from Woodcroft Parkway to Barbee Road. The contract limits were amended to extend Fayetteville Widening Phase II further north to Buxton and to add the Fayetteville Buxton Riddle intersection realignment. The amended contract amount is currently \$966,010.00 and will be increased by \$53,928.00 for the additional work associated with plan revisions and agency coordination for the Buxton/Riddle intersection portion of the project. Based on a meeting between the City and NCDOT, the stormwater quality devices within NCDOT's right-of-way will be removed from the project. Revisions will be required to the typical sections, plan sheets, geometry sheets, cross sections, drainage design, erosion control design, quantities calculations, specifications, and cost estimate. Additionally, right-of-way and easements will be revised on three parcels requiring plat revisions. Updates to the previously approved traffic signals and fiber interconnect plans will also be required to meet current standards.

### **Issues/Analysis**

It is anticipated that after the design revisions, the construction and acquisition costs will be

less than originally estimated. Several water quality devices will be removed from the design with a subsequent reduction in the acquisitions needed.

**Alternatives**

The Council can choose to not proceed with this contract amendment, but the project will be out of compliance with NCDOT requirements. Should this occur the City would not be able to proceed with the project.

**Financial Impact**

Funds for this project are budgeted for in the following account:

3610L010 – 764000 – LF900	\$53,928.00
Total	\$53,928.00

**SDBE Summary**

This is a contract amendment. No compliance review was conducted in accordance with Ordinance to Promote Equal Business Opportunities in City Contracting.